

Abstract

Touch-triggered probe comprising a fixed part, designed to be fastened onto a measuring machine or a machine tool, and a mobile contact feeler that can be oriented on two independent axes along a multiplicity of spatial directions. The two axes of the probe comprise each an actuator for unlocking and adjusting the axes. The operation force is reduced as compared with the high effective indexing force by a demultiplying mechanism having an increasing transmission ratio, for making easier the operation in unlocked position. The indication elements can easily be read whatever the feeler's orientation.

(Figure 2a)